

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019274**Date Inspected:** 14-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Yu Jiao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Dennis Combs, was present during the times noted above for the observations relative to the work being performed.

BAY 14

This QA Inspector observed the following work in progress for Bay 14.

ZPMC was using the Shielded Metal Arc Welding (SMAW), and Flux Cored Arc Welding (FCAW) processes.

ZPMC QC is identified as Zhan Hai Feng

Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specification (WPS).

Listed below are the locations that were identified by this QA inspector

Component: Side Plate

PCMK: SEG3014S

Weld Number: 052

Welder: 045196

WPS-345-SMAW-2G-FCM-Repair

CWR2625

Component: Side Plate

PCMK: SEG3014S

Weld Number: 052

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Welder: 045204

WPS-345-SMAW-2G-FCM-Repair

CWR2625

Component: Sub Assembly

PCMK: SEG3015-001

Weld Number: 004

Welder: 066734

WPS-345-FCAW-1G-ESAB-Repair

WR20059

Component: Sub Assembly

PCMK: SEG3019BB

Weld Number: 191

Welder: 201087

WPS-345-SMAW-2G-FCM-Repair

CWR2737

Component: Floor Beam

PCMK: SEG3019V

Weld Number: 029

Welder: 067656

WPS-345-SMAW-3G-FCM-Repair

WR18912

Component: Edge Plate

PCMK: SEG1013AA

Weld Number: 052

Welder: 66163

WPS-345-SMAW-3G-FCM-Repair-1

WR20131

Component: Edge Plate

PCMK: SEG1013AA

Weld Number: 087

Welder: 66481

WPS-345-SMAW-3G-FCM-Repair-1

WR20131

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Summary of Conversations:

No relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Combs,Dennis	Quality Assurance Inspector
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Reviewed By:	Riley,Ken	QA Reviewer
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